





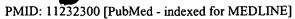


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	1: Ghilardi N, Li J, FJ.	Hongo JA, YıS, G	Gurney A, De	e Sauvage R	elated Articles,	Nucleotide, Prote	ein	
PubMed	A Novel Type	I Cytokine Rec			Monocytes, Si	gnals		
Services		Proliferation, and Activates STAT-3 and STAT-5. J Biol Chem. 2002 May 10;277(19):16831-6.						
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	[2: Chen Q, Ghilard	i N Wang H Rak	er T. Xie MF	I Polatod /	Artiolog Nucloo	tide, OMIM, Prote	oin	
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	•	of Th1-type imr	nune respo	nses require	s the type I cy	tokine receptor	•	
	TCCR. Nature. 2000 Oct	19;407(6806):916	5-20.					
Related	PMID: 11057672	[PubMed - indexe	ed for MEDL	INE]				
Resources	☐3: Leonard W J.					Related Artic	cles	
	Cytokines and	immunodeficie						
		nol. 2001 Dec;1(3 [PubMed - indexe						
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	5: Roder J, Hickey	WF				Related Artic	cles	
		, immunology,	multiple so	elerosis and	myelination.			
	Nat Genet. 1996.	Jan;12(1):6-8. No	abstract avail	lable.		•		
	PMID: 8328233 [PubMed - indexed	I IOI MEDLI	NEJ				
	6: Rothenberg ME	<u>.</u>				Related Artic	cles	
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	7: Chambers CA, A	ostimulatory m	olecule the	at doesn't: re	gulation of T-			
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Cold Spring Harb Symp Quant Biol. 1999;64:303-12. Review. No abstract available.







8: Gao JL, Murphy PM.	Related Articles
Chemokine receptor knockout mice. Methods Mol Biol. 2000;138:259-74. No abstract available. PMID: 10840766 [PubMed - indexed for MEDLINE]	
9: Hertzog PJ, Kola I.	Related Articles
Overview. Gene knockouts. Methods Mol Biol. 2001;158:1-10. No abstract available. PMID: 11236650 [PubMed - indexed for MEDLINE]	
10: Koretzky G.	Related Articles
Stimulation and inhibition of immune responses: an intricate balanci J Clin Invest. 2002 Jan;109(1):7-8. No abstract available. PMID: 11781343 [PubMed - indexed for MEDLINE]	ng act.
11: van der Merwe PA.	Related Articles
Modeling costimulation. Nat Immunol. 2000 Sep;1(3):194-5. No abstract available. PMID: 10973274 [PubMed - indexed for MEDLINE]	
□12: Bunz F.	Related Articles
Human cell knockouts. Curr Opin Oncol. 2002 Jan;14(1):73-8. Review. PMID: 11790984 [PubMed - indexed for MEDLINE]	
13: Bolivar V, Cook M, Flaherty L.	Related Articles
List of transgenic and knockout mice: behavioral profiles. Mamm Genome. 2000 Apr;11(4):260-74. Review. PMID: 10754101 [PubMed - indexed for MEDLINE]	
☐ 14: <u>Thorsby E.</u>	Related Articles
Transplantation immunology: a brief update. Transplant Proc. 1997 Nov;29(7):3129-34. Review. No abstract available. PMID: 9365696 [PubMed - indexed for MEDLINE]	
15: Riminton DS.	Related Articles
Gene targeting technology and advances in the pathophysiology of in Pathology. 2002 Apr;34(2):109-14. PMID: 12009090 [PubMed - in process]	nflammation.
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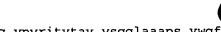




PubMed	Nucleotide	Protein	Genome	Structure	PopSet	Taxonomy	OMIM Books	
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☐1: NP_057880. T cell cytokine
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r...[gi:7710110]
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PID
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VERSION
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            Sprecher, C.A., Grant, F.J., Baumgartner, J.W., Presnell, S.R.,
            Schrader, S.K., Yamagiwa, T., Whitmore, T.E., O'Hara, P.J. and
            Foster, D.F.
            Cloning and characterization of a novel class I cytokine receptor
  TITLE
  JOURNAL
            Biochem. Biophys. Res. Commun. 246 (1), 82-90 (1998)
  MEDLINE
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   PUBMED
            9600072
REFERENCE
            2
               (residues 1 to 623)
  AUTHORS
            Chen, Q., Ghilardi, N., Wang, H., Baker, T., Xie, M.H., Gurney, A.,
            Grewal, I.S. and de Sauvage, F.J.
  TITLE
            Development of Th1-type immune responses requires the type I
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  JOURNAL
            Nature 407 (6806), 916-920 (2000)
  MEDLINE
            20509354
   PUBMED
            11057672
COMMENT
            PROVISIONAL REFSEQ: This record has not yet been subject to final
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Revised: October 24, 2001.

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PubMed	Nucleotide	Protein	Genome	Structure	PopSet	Taxonomy	OMIM	Books
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☐1: NP 004834. class I cytokine ...[gi:4759328]

BLink, Nucleotide, OMIM, Related Sequences, PubMed, SNP, Taxonomy, LinkOut

636 aa linear PRI 28-JAN-2002 LOCUS class I cytokine receptor; T-cell cytokine receptor [Homo sapiens]. DEFINITION NP 004834 ACCESSION

g4759328 PID

NP 004834.1 GI:4759328 VERSION REFSEQ: accession NM 004843.2 DBSOURCE

KEYWORDS

SOURCE human.

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (residues 1 to 636)

Sprecher, C.A., Grant, F.J., Baumgartner, J.W., Presnell, S.R., **AUTHORS**

Schrader, S.K., Yamagiwa, T., Whitmore, T.E., O'Hara, P.J. and

Foster, D.F.

Cloning and characterization of a novel class I cytokine receptor TITLE

Biochem. Biophys. Res. Commun. 246 (1), 82-90 (1998) JOURNAL

MEDLINE 98262921 PUBMED 9600072

REVIEWED REFSEQ: This record has been curated by NCBI staff. The COMMENT reference sequence was derived from AF053004.1, AI983115.1 and AW298502.1.

Summary: In mice, CD4+ helper T-cells differentiate into type 1 (Th1) cells, which are critical for cell-mediated immunity, predominantly under the influence of IL12. Also, IL4 influences their differentiation into type 2 (Th2) cells, which are critical for most antibody responses. Mice deficient in these cytokines, their receptors, or associated transcription factors have impaired, but are not absent of, Th1 or Th2 immune responses. This gene encodes a protein which is similar to the mouse T-cell cytokine receptor Tccr at the amino acid level, and is predicted to be a glycosylated transmembrane protein.

Location/Qualifiers **FEATURES**

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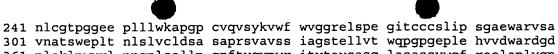
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181 pelktipltp veiqdlelat gykvygrcrm ekeedlwgew spilsfqtpp sapkdvwvsg



301 vnatsweplt nlslvcldsa saprsvavss iagstellvt wqpgpgeple hvvdwardgd 361 pleklnwvrl ppgnlsallp gnftvgvpyr itvtavsasg lasassvwgf reelaplvgp 421 tlwrlqdapp gtpaiawgev prhqlrghlt hytlcaqsgt spsvcmnvsg ntqsvtlpdl 481 pwgpcelwvt astiagqgpp gpilrlhlpd ntlrwkvlpg ilflwglfll gcglslatsg 541 rcyhlrhkvl prwvwekvpd pansssgqph meqvpeaqpl gdlpilevee mepppvmess 601 qpaqatapld sgyekhflpt peelgllgpp rpqvla

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